

FIG. 1

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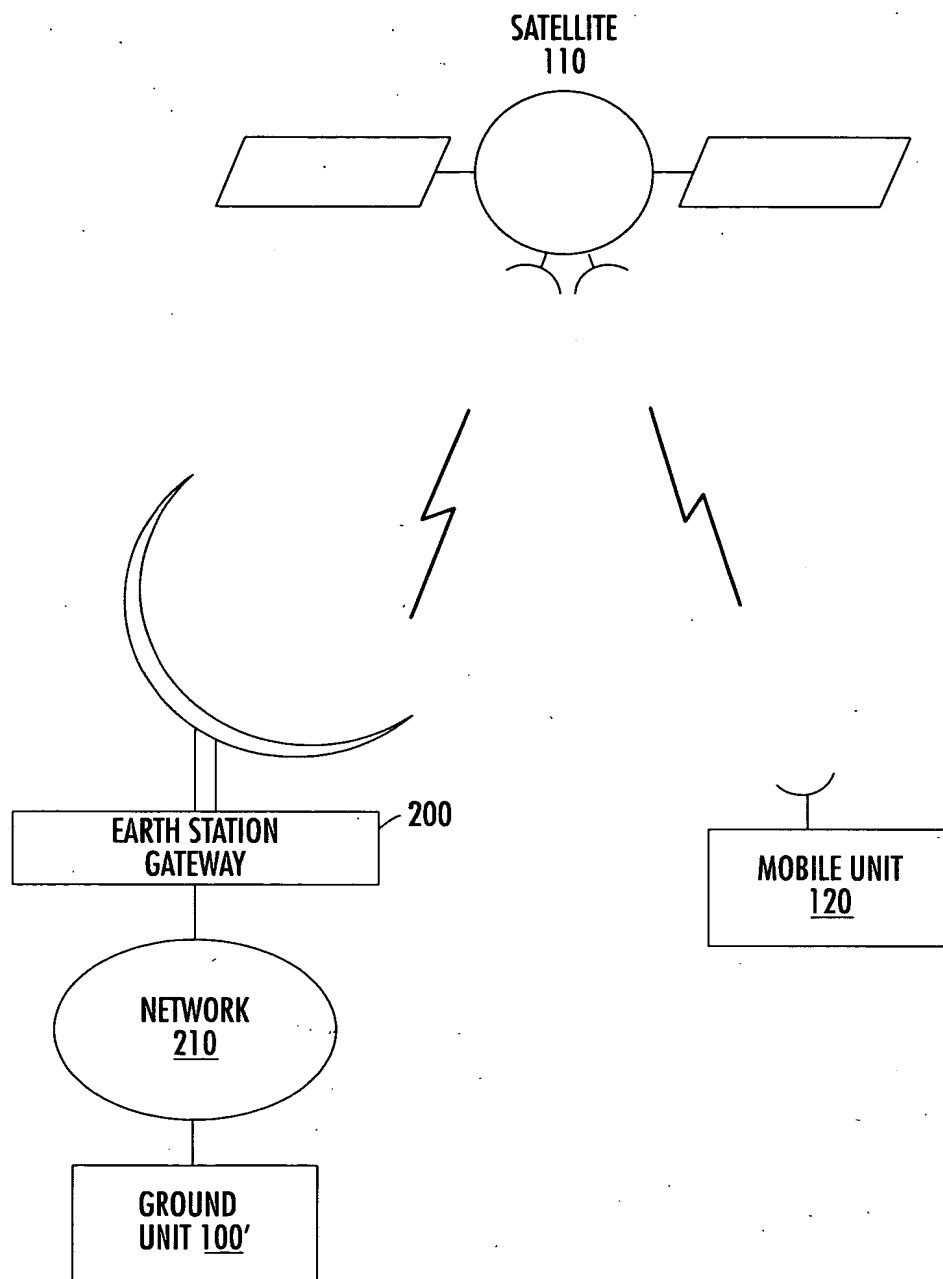
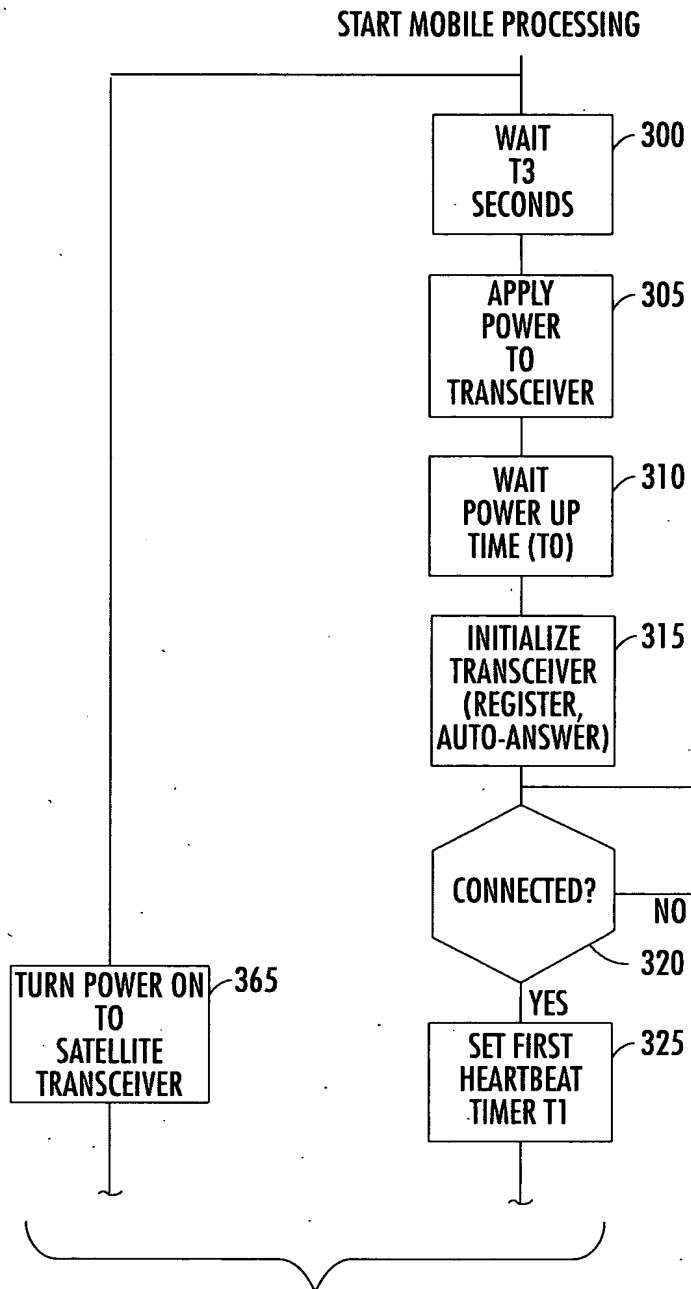


FIG. 2



POWER UP TIMER T0=5 SEC
FIRST HEARTBEAT TIMER T1=45 SEC
HEARTBEAT TIMER T2= 30 SEC
POWER OFF DELAY T3=10 SEC
SEND STATUS TIMER T4=0.5 SEC

TO FIG. 3B

FIG. 3A

FROM 3A

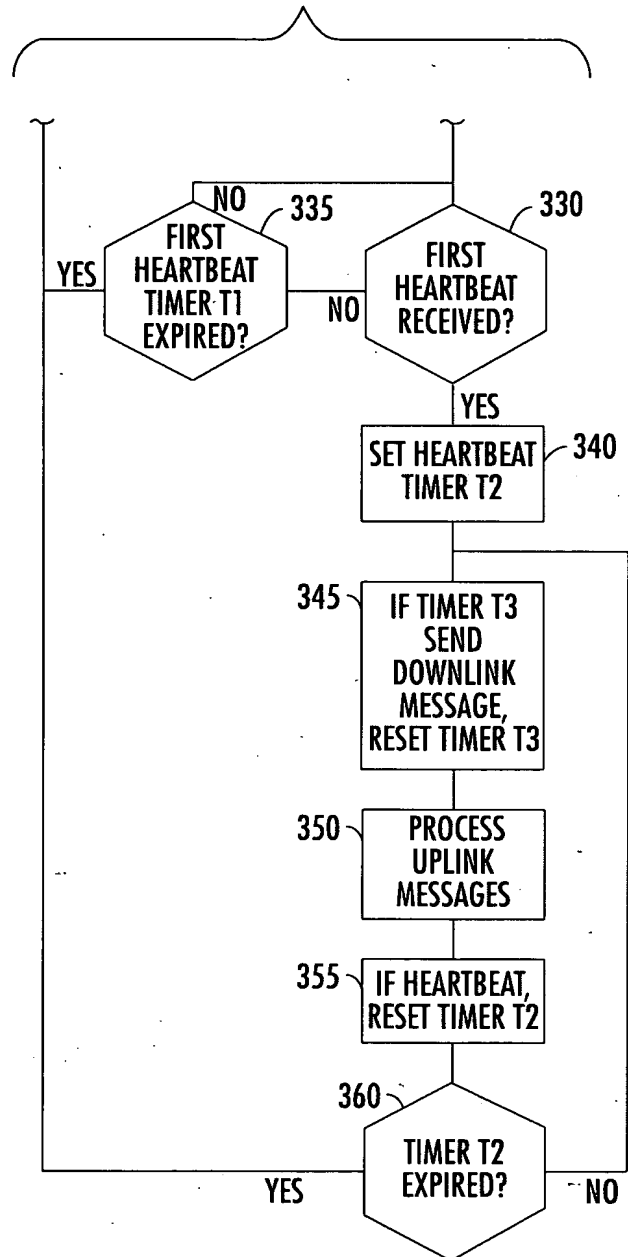


FIG. 3B

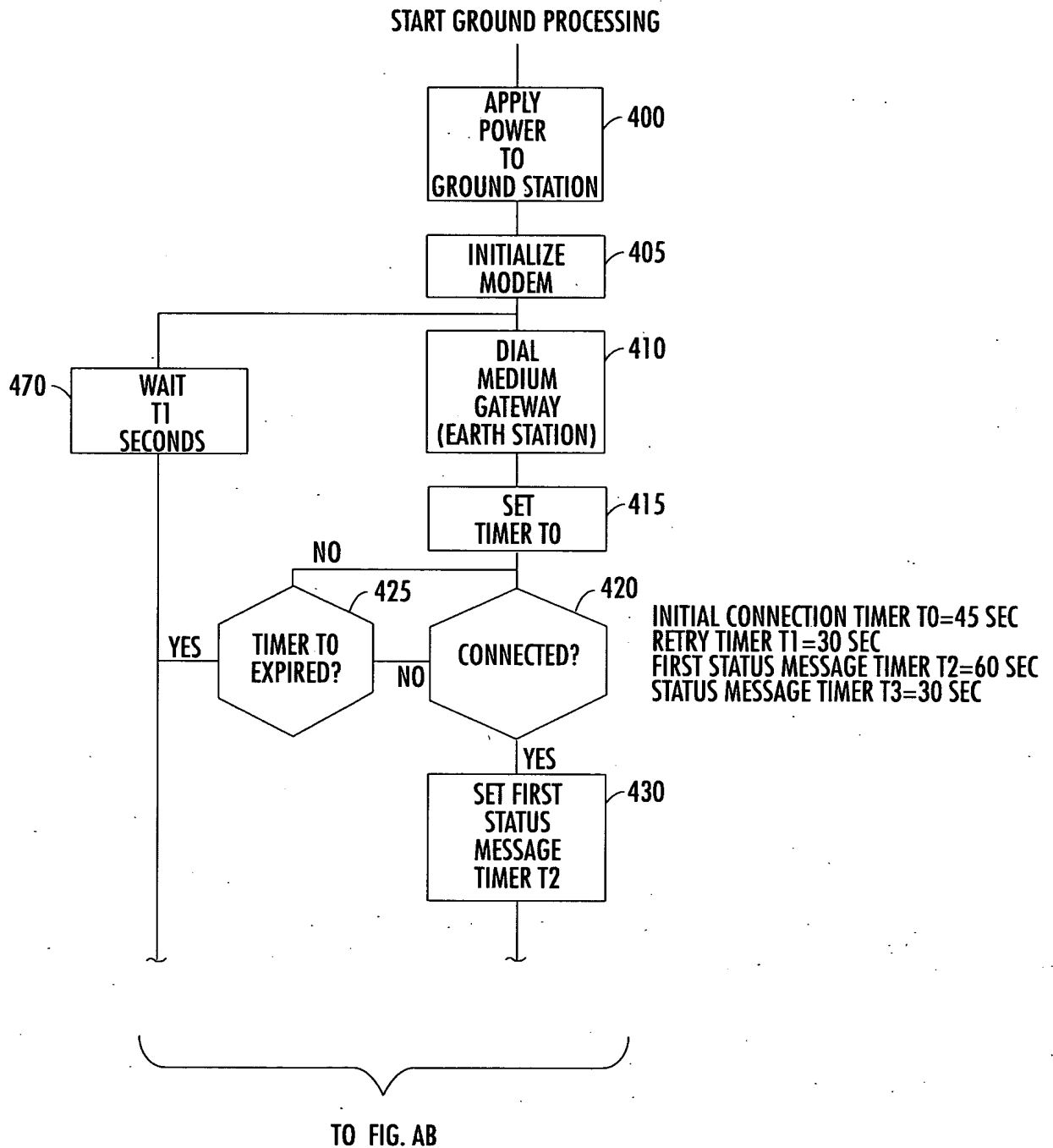


FIG. 4A

FROM FIG. 4A

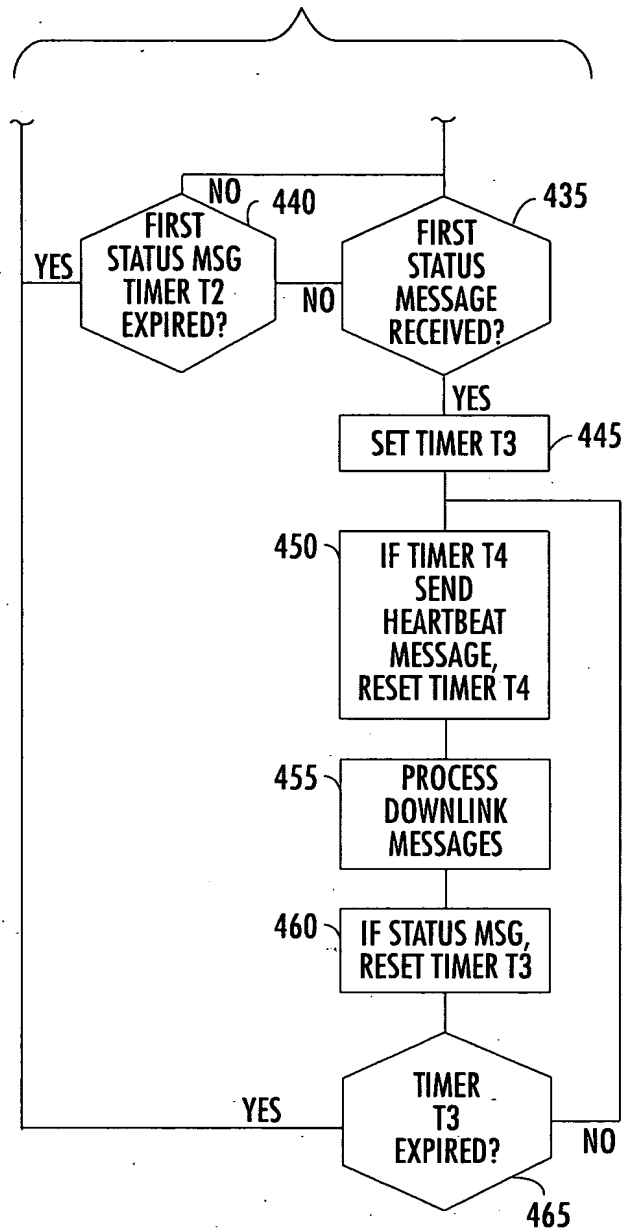


FIG. 4B

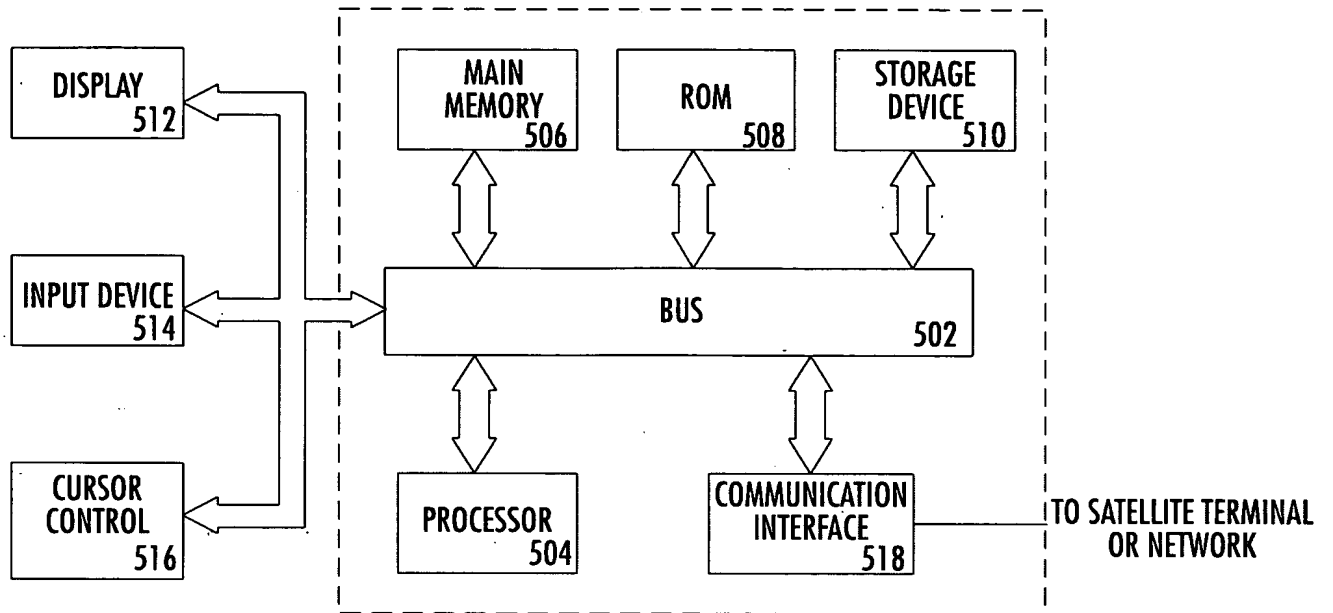


FIG. 5